

APPENDIX

ELECTRICAL SYMBOLS

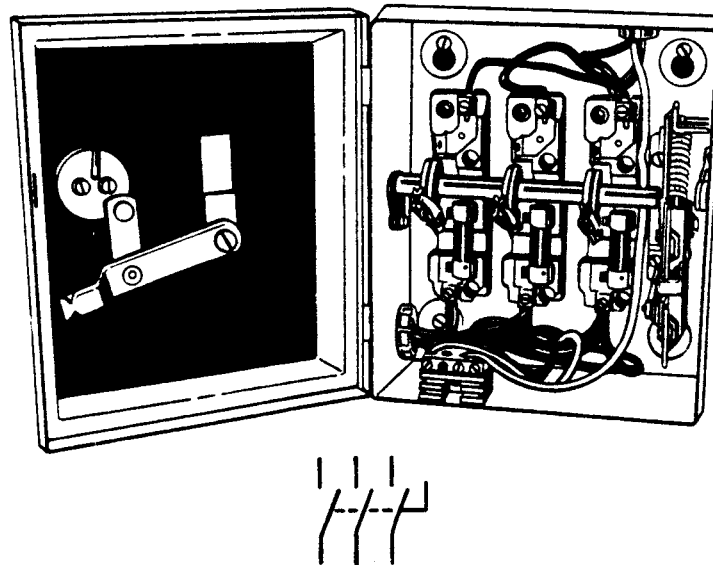


FIGURE A-1. Disconnect.

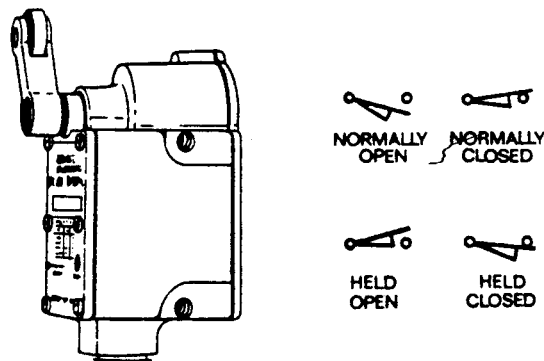


FIGURE A-2. Limit Switches.

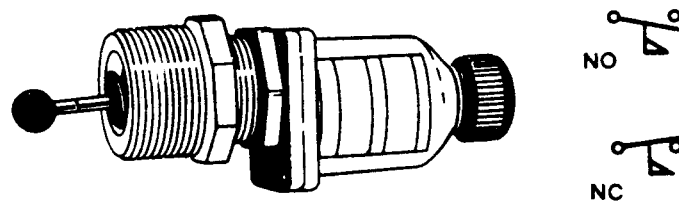


FIGURE A-3. Flow Switch (Air, Water, and So Forth).

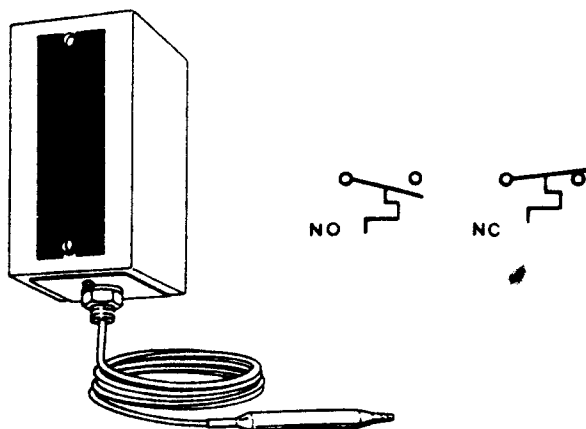


FIGURE A-4. Temperature-Actuated Switch.

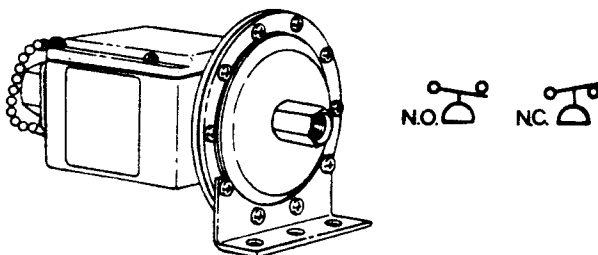


FIGURE A-5. Pressure and Vacuum Switches.

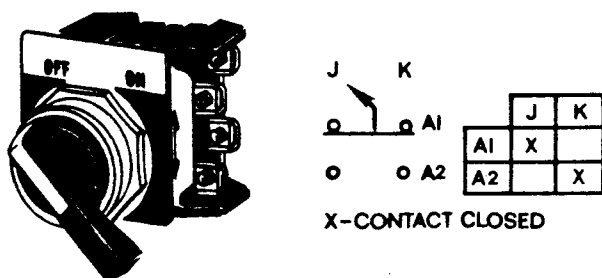


FIGURE A-6. Selector Switch, 2-Position.

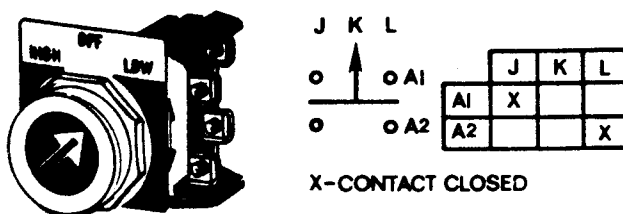


FIGURE A-7. Selector Switch, 3-Position.

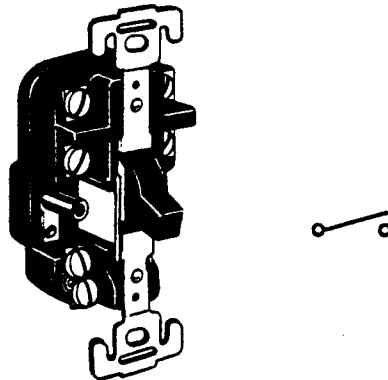


FIGURE A-8. Toggle Switch.

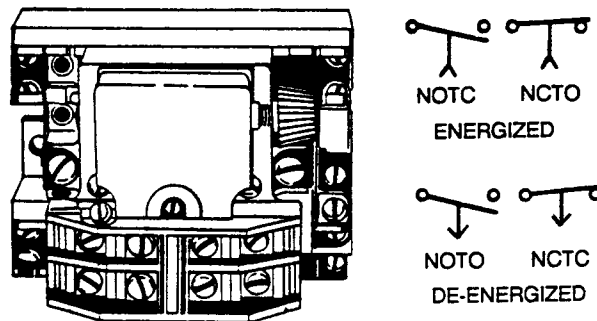


FIGURE A-9. Pneumatic Timer.

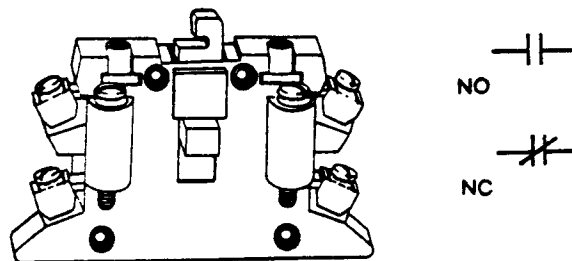


FIGURE A-10. Auxiliary Contacts.

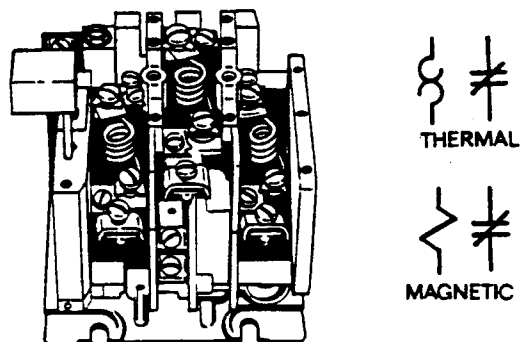


FIGURE A-11. Overload Relays.

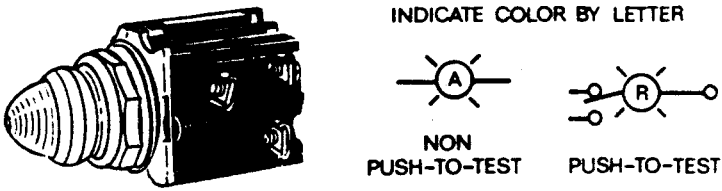


FIGURE A-12. Pilot Lights.

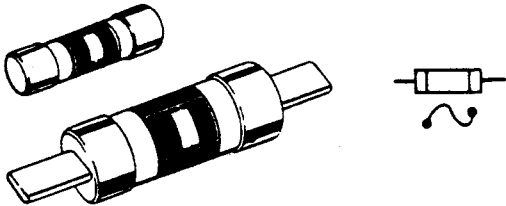


FIGURE A-13. Fuse Power or Control.

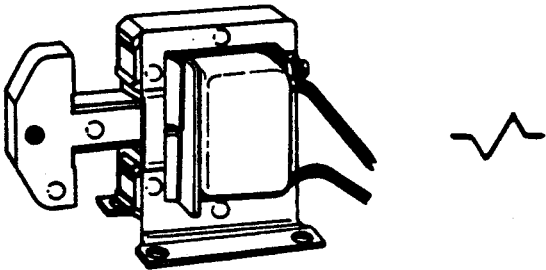


FIGURE A-14. Solenoid.

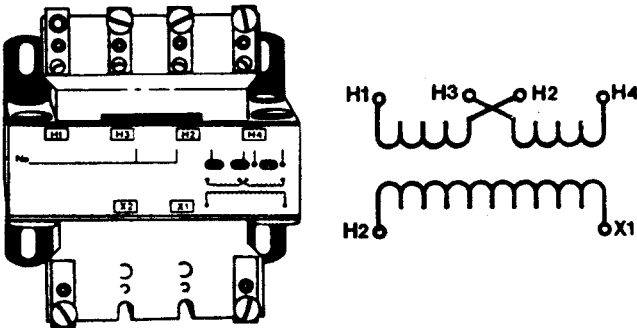


FIGURE A-15. Control Transformer.

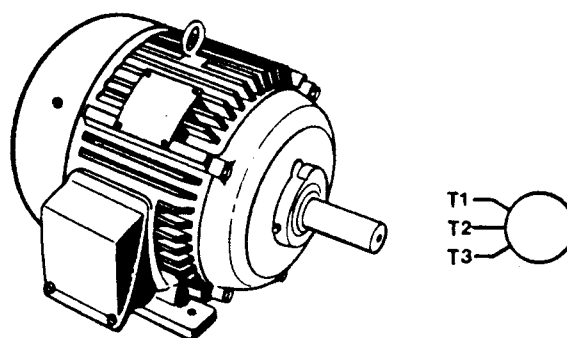


FIGURE A-16. Three-Phase Motor.

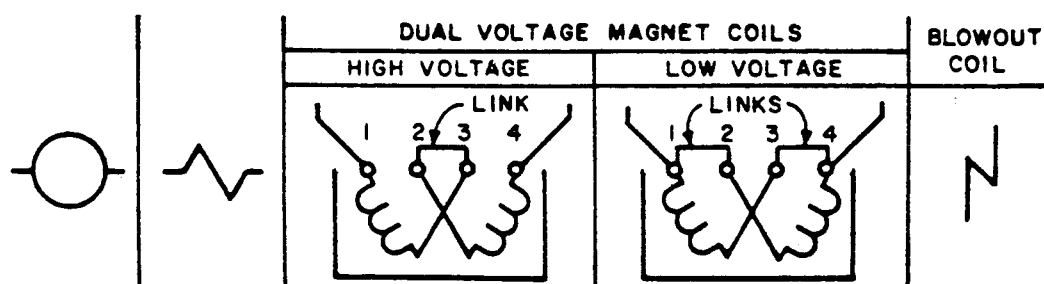


FIGURE A-17. Coil.

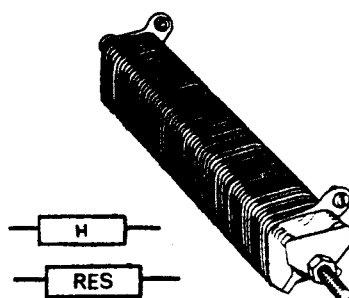


FIGURE A-18. Fixed Resistor; Heating Element.

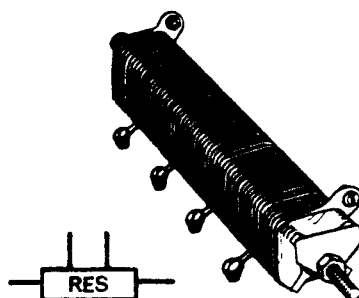


FIGURE A-19. Tapped Resistor.

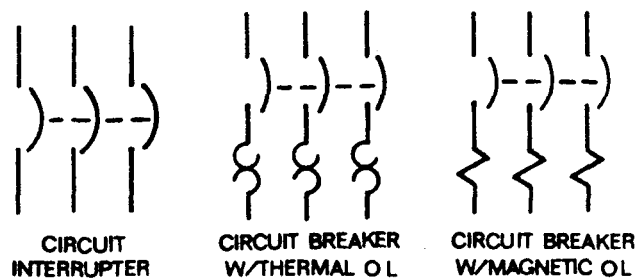


FIGURE A-20. Circuit Interrupter and Circuit Breakers.



FIGURE A-21. Foot Switches.

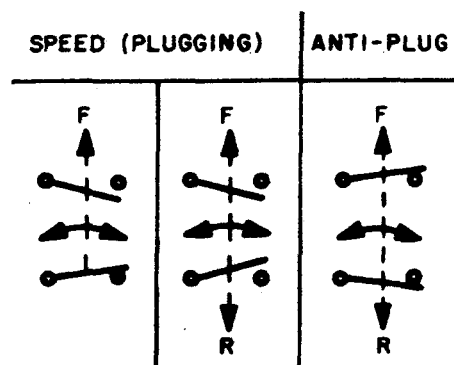


FIGURE A-22. Speed (Plugging); Anti-Plug.

STATIC SWITCHING CONTROL IS A METHOD OF SWITCHING ELECTRICAL CIRCUITS WITHOUT THE USE OF CONTACTS, PRIMARILY BY SOLID STATE DEVICES. USE THE SYMBOLS SHOWN IN TABLE EXCEPT ENCLOSED IN DIAMOND:

EXAMPLES —

INPUT "COIL"

OUTPUT N.O.

LIMIT SW. N.O.

LIMIT SW. N.C.



FIGURE A-23. Symbols for Static Switching Control Devices.

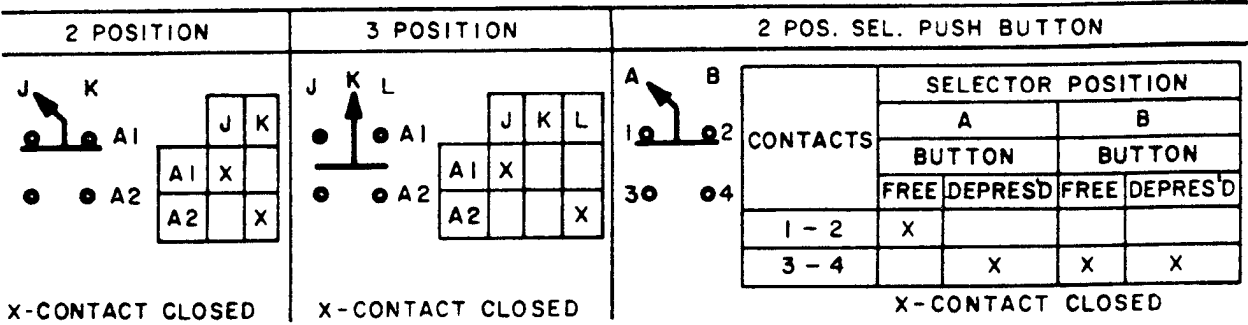


FIGURE A-24. Selector.

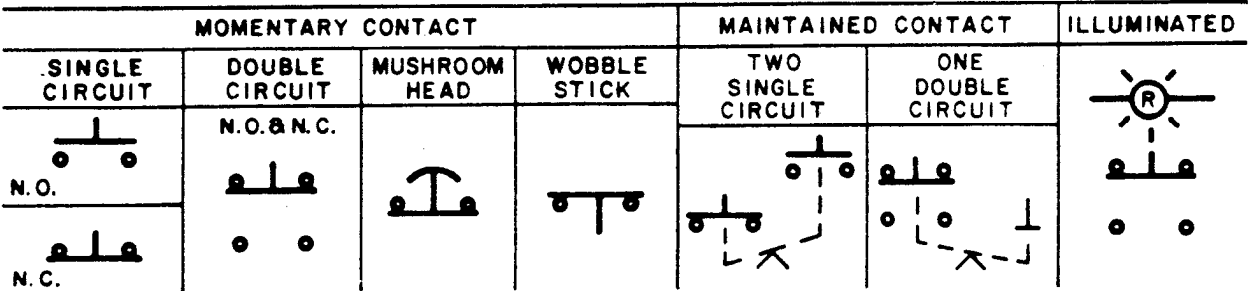


FIGURE A-25. Push Buttons.

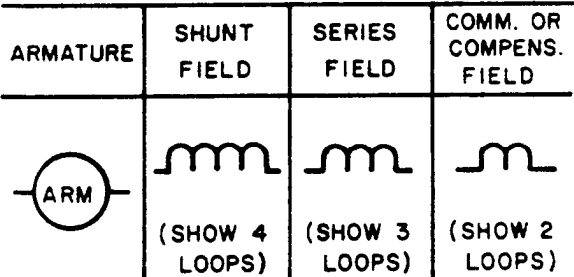


FIGURE A-26. DC Motors.

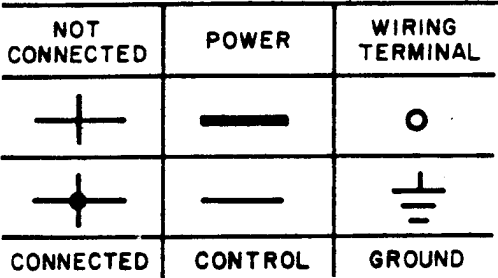


FIGURE A-27. Wiring.

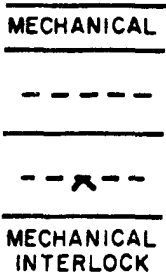


FIGURE A-28. Connections.

FIXED	ADJUSTABLE	POLARIZED

FIGURE A-29. Capacitors.

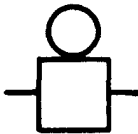


FIGURE A-30. Bell.

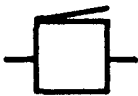


FIGURE A-31. Buzzer.



FIGURE A-32. Horn.



FIGURE A-33. Half-Wave Rectifier.

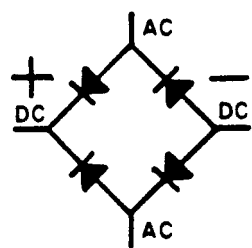


FIGURE A-34. Full-Wave Rectifier.



FIGURE A-35. Battery.



FIGURE A-36. Thermocouple.




DIODE	TUNNEL DIODE	UNIDIRECTIONAL BREAKDOWN (ZENER) DIODE
		

FIGURE A-37. Semiconductors.